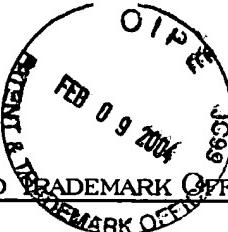




UNITED STATES PATENT AND TRADEMARK OFFICE



Page 1 of 2

UNITED STATES DEPARTMENT OF COMMERCE  
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P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/662,974	09/15/2003	John Murray	P-01840-US2

J. Scott Denko  
Andrews & Kurth, L.L.P.  
Suite 1700  
111 Congress Avenue  
Austin, TX 78701

CONFIRMATION NO. 1092  
FORMALITIES LETTER



\*OC000000011446979\*

Date Mailed: 12/09/2003

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

02/13/2004 MMEKONEN 00000048 10662974

01 FC:1001	770.00 OP	FILED UNDER 37 CFR 1.53(b)
02 FC:1051	130.00 OP	
03 FC:1201	172.00 OP	
04 FC:1202	252.00 OP	<i>Filing Date Granted</i>

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A replacement abstract not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) and 37 CFR 1.121 is required.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$424** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

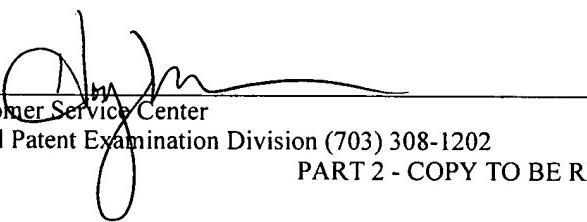
Total additional fee(s) required for this application is **\$1324** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$424**
  - **\$172** for **2** independent claims over 3.
  - **\$252** for **14** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Attorney Docket No. P-01840-US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/662,974

Title: Improved Database Utilities

Inventor: Tom Harper and John Murray

Filing Date: September 15, 2003

Examiner: To be assigned

Group: 2171

**RESPONSE TO NOTICE OF**  
**MISSING PARTS OF NONPROVISIONAL APPLICATION**

Mail Stop Missing Parts  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated December 9, 2003 (copy attached), enclosed please find a replacement abstract not exceeding 150 words in length and commencing on a separate sheet in compliance with 37 CFR 1.72(b) and 37 CFR 1.121, together with a firm check in the total amount of \$1,324.00 to cover the \$770.00 filing fee, \$130.00 late filing fee surcharge, and \$424.00 additional claim fees. The Commissioner is hereby authorized to charge the difference of any underpayments or credit any overpayments to Deposit Account No. 50-0897.

Respectfully submitted,

ANDREWS & KURTH, L.L.P.

Date: Feb. 9, 2004

By: J. Scott Denko

J. Scott Denko  
Registration No. 37,606  
111 Congress Avenue  
Suite 1700  
Austin, Texas 78701  
Telephone: (512) 320-9200  
Facsimile: (512) 320-9292

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEB 09 2004  
U.S. PATENT & TRADEMARK OFFICE  
PC99

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,324.00)

## Complete if Known

Application Number	10/662,974
Filing Date	09/15/03
First Named Inventor	Harper and Murray
Examiner Name	TBA
Art Unit	2171
Attorney Docket No.	P-10840-US2

## METHOD OF PAYMENT (check all that apply)

 Check    Credit card    Money Order    Other    None
 Deposit Account:

Deposit Account Number  
50-0897

Andrews &amp; Kurth, L.L.P.

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below    Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$)</b> 770	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	34	-20** = 14	x 18 = 252
Independent Claims	5	- 3** = 2	x 86 = 172
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b> 424

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity   Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	130
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

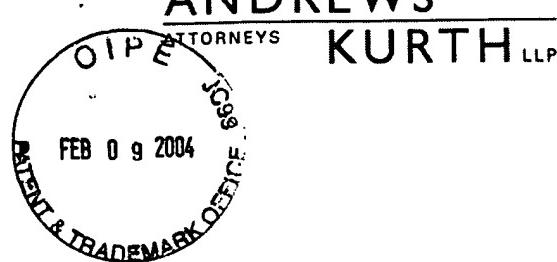
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** **(\$)** 130

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	J. Scott Denko	Registration No. (Attorney/Agent)	37,606
Signature	<i>J. Scott Denko</i>		
Date	2/9/04		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



ANDREWS  
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Scott Denko  
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February 9, 2004

**VIA EXPRESS MAIL**  
**AIRBILL NO. EV 271668725US**

Commissioner for Patents  
Mail Stop Missing Parts  
P.O. Box 1450  
Alexandria, VA 22313-1450

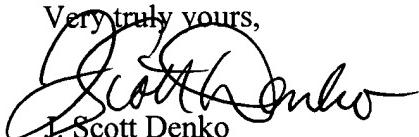
Re: Application No.: 10/662,974  
Title: "Improved Database Utilities"  
Filing Date: 09/15/03  
Inventors: Tom Harper and John Murray  
Examiner: To be assigned  
Group: 2171  
Docket No. P-01840-US2

Dear Commissioner:

Please find enclosed for filing the following items:

1. Response to Notice of Missing Parts of Non-Provisional Application;
2. Abstract;
3. Copy of Notice To File Missing Parts of Non-Provisional Application mailed 12/9/03;
4. Fee Transmittal for FY 2004, together with a duplicate copy;
5. A firm check in the amount of \$1,324.00; and
6. A return postcard for confirmation of receipt.

Please return the postcard confirming your receipt of the enclosed materials.

Very truly yours,  
  
J. Scott Denko  
Registration No. 37,606

JSD/ad  
Enclosures